

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		@pd<"20030115" and ("genetic algorithm" or "genetic algorithms") adj2 ("neural network" or "neural networks")	US-PGPUB; USPAT	OR	ON	2006/09/12 16:17
		@pd<"20030115" and (((("genetic algorithm" or "genetic algorithms") adj2 "function of") adj2 ("neural network" or "neural networks"))	US-PGPUB; USPAT	OR	ON	2006/09/12 16:18
		@pd<"20030115" and (("genetic algorithm" or "genetic algorithms") adj2 "function of" adj2 ("neural network" or "neural networks"))	US-PGPUB; USPAT	OR	ON	2006/09/12 16:15
		@pd<"20030115" and ((preprocessing with weights) or (pre-processing with weights)) with training) and neural	US-PGPUB; USPAT	OR	OFF	2006/09/11 09:35
		@pd<"20030115" and (neural adj2 training adj2 with adj2 neural)	US-PGPUB; USPAT	OR	OFF	2006/09/13 07:05
L1	65	@pd<"20030115" and (706/1.ccls. or 706/15.ccls. or 706/45.ccls.) and ("genetic algorithm" or "genetic algorithms")	US-PGPUB; USPAT	OR	OFF	2006/09/13 07:06
L2	38	@pd<"20030115" and (706/1.ccls. or 706/15.ccls. or 706/45.ccls.) and ("genetic algorithm" or "genetic algorithms") and ("neural network" or "neural networks")	US-PGPUB; USPAT	OR	OFF	2006/09/13 07:11
L3	4	@pd<"20030115" and (702/20.ccls.) and ("genetic algorithm" or "genetic algorithms") and ("neural network" or "neural networks")	US-PGPUB; USPAT	OR	OFF	2006/09/13 07:13
L4	7	@pd<"20030115" and (701/106.ccls.) and ("genetic algorithm" or "genetic algorithms") and ("neural network" or "neural networks")	US-PGPUB; USPAT	OR	OFF	2006/09/13 07:14
L5	2	@pd<"20030115" and (700/266.ccls.) and ("genetic algorithm" or "genetic algorithms") and ("neural network" or "neural networks")	US-PGPUB; USPAT	OR	OFF	2006/09/13 07:15
L6	45	@pd<"20030115" and (706/13.ccls.) and ("genetic algorithm" or "genetic algorithms") and ("neural network" or "neural networks")	US-PGPUB; USPAT	OR	OFF	2006/09/13 07:20
L7	15	@pd<"20030115" and (706/20.ccls.) and ("genetic algorithm" or "genetic algorithms") and ("neural network" or "neural networks")	US-PGPUB; USPAT	OR	OFF	2006/09/13 07:22
L8	0	@pd<"20030115" and (714/38.ccls.) and ("genetic algorithm" or "genetic algorithms") and ("neural network" or "neural networks")	US-PGPUB; USPAT	OR	OFF	2006/09/13 07:23
L9	5	@pd<"20030115" and (435/6.ccls.) and ("genetic algorithm" or "genetic algorithms") and ("neural network" or "neural networks")	US-PGPUB; USPAT	OR	OFF	2006/09/13 07:23

## EAST Search History

S1	8	buscema.in.	US-PGPUB; USPAT	OR	OFF	2006/09/11 07:18
S2	146	rising.in.	US-PGPUB; USPAT	OR	OFF	2006/09/11 07:18
S3	8	rising.in. and transform.ab.	US-PGPUB; USPAT	OR	OFF	2006/09/11 07:21
S4	1	"6002794".pn.	US-PGPUB; USPAT	OR	OFF	2006/09/11 07:22
S5	1	"5377305".pn.	US-PGPUB; USPAT	OR	OFF	2006/09/11 07:24
S6	70	(neural adj2 training adj2 neural)	US-PGPUB; USPAT	OR	OFF	2006/09/11 07:25
S7	36	@pd<"20030115" and (neural adj2 training adj2 neural)	US-PGPUB; USPAT	OR	OFF	2006/09/11 08:32
S8	0	@pd<"20030115" and (neural adj2 training adj2 "with" adj2 neural)	US-PGPUB; USPAT	OR	OFF	2006/09/12 08:05
S9	0	(neural adj2 training adj2 "with" adj2 neural)	US-PGPUB; USPAT	OR	OFF	2006/09/11 07:31
S10	2514	@pd<"20030115" and (neural adj4 neural) not S8	US-PGPUB; USPAT	OR	OFF	2006/09/11 07:33
S11	0	@pd<"20030115" and (training adj2 neural adj4 neural) not S8	US-PGPUB; USPAT	OR	OFF	2006/09/11 08:31
S12	0	@pd<"20030115" and (optimizing with database) and (database with training) and optimizing.ab. and database.ab. and training.ab.	US-PGPUB; USPAT	OR	OFF	2006/09/11 08:34
S13	0	@pd<"20030115" and (optimizing with database) and optimizing.ab. and database.ab. and training.ab.	US-PGPUB; USPAT	OR	OFF	2006/09/11 08:34
S14	0	@pd<"20030115" and optimizing.ab. and database.ab. and training.ab.	US-PGPUB; USPAT	OR	OFF	2006/09/11 08:35
S15	82	@pd<"20030115" and optimizing.ab. and database.ab.	US-PGPUB; USPAT	OR	OFF	2006/09/11 08:35
S16	82	@pd<"20030115" and optimizing.ab. and database.ab. and (optimizing and database)	US-PGPUB; USPAT	OR	OFF	2006/09/11 08:36

## EAST Search History

S17	65	@pd<"20030115" and optimizing.ab. and database.ab. and (optimizing with database)	US-PGPUB; USPAT	OR	OFF	2006/09/11 08:37
S18	0	@pd<"20030115" and optimizing.ab. and database.ab. and (optimizing with database) and (database with training)	US-PGPUB; USPAT	OR	OFF	2006/09/11 08:37
S19	1	@pd<"20030115" and optimizing.ab. and database.ab. and (optimizing with database) and (optimiz\$ with training)	US-PGPUB; USPAT	OR	OFF	2006/09/11 08:43
S20	797	@pd<"20030115" and (preprocessing.ab. or pre-processing.ab.)	US-PGPUB; USPAT	OR	OFF	2006/09/11 08:44
S21	10	@pd<"20030115" and ((preprocessing.ab. or pre-processing.ab.) with training)	US-PGPUB; USPAT	OR	OFF	2006/09/11 09:04
S22	1	"5830133".pn. and (train\$ with set\$)	US-PGPUB; USPAT	OR	OFF	2006/09/11 08:52
S23	0	"5830133".pn. and (fitness or threshold)	US-PGPUB; USPAT	OR	OFF	2006/09/11 08:54
S24	0	"5830133".pn. and (distribution\$)	US-PGPUB; USPAT	OR	OFF	2006/09/11 08:55
S25	1	"5830133".pn. and sets	US-PGPUB; USPAT	OR	OFF	2006/09/11 09:02
S26	0	"5830133".pn. and score	US-PGPUB; USPAT	OR	OFF	2006/09/11 09:03
S27	0	"5830133".pn. and neural	US-PGPUB; USPAT	OR	OFF	2006/09/11 09:03
S28	6	@pd<"20030115" and ((preprocessing.ab. or pre-processing.ab.) with training) and neural	US-PGPUB; USPAT	OR	OFF	2006/09/11 09:34
S29	1	"6144952".pn. and set\$	US-PGPUB; USPAT	OR	OFF	2006/09/11 09:15
S30	0	"6144952".pn. and fitness	US-PGPUB; USPAT	OR	OFF	2006/09/11 09:15
S31	0	"6144952".pn. and score	US-PGPUB; USPAT	OR	OFF	2006/09/11 09:15
S32	0	"6144952".pn. and rating	US-PGPUB; USPAT	OR	OFF	2006/09/11 09:15

## EAST Search History

S33	0	"6144952".pn. and threshold	US-PGPUB; USPAT	OR	OFF	2006/09/11 09:17
S34	0	"6144952".pn. and weight	US-PGPUB; USPAT	OR	OFF	2006/09/11 09:19
S35	1	"6144952".pn. and neural	US-PGPUB; USPAT	OR	OFF	2006/09/11 09:17
S36	1	"6144952".pn. and weights	US-PGPUB; USPAT	OR	OFF	2006/09/11 09:32
S37	0	"6144952".pn. and random	US-PGPUB; USPAT	OR	OFF	2006/09/11 09:32
S38	16	@pd<"20030115" and ((preprocessing with weights) or (pre-processing with weights)) and neural	US-PGPUB; USPAT	OR	OFF	2006/09/11 09:36
S39	9	@pd<"20030115" and ((preprocessing with weights) or (pre-processing with weights)) and neural and random	US-PGPUB; USPAT	OR	OFF	2006/09/11 09:39
S40	1	"20030004906" and (training with sets)	US-PGPUB; USPAT	OR	OFF	2006/09/11 09:43
S41	1	"20030004906" and (score)	US-PGPUB; USPAT	OR	OFF	2006/09/11 09:44
S42	1	"20030004906" and (score with set\$)	US-PGPUB; USPAT	OR	OFF	2006/09/11 09:43
S43	1	"20030004906" and (score with training)	US-PGPUB; USPAT	OR	OFF	2006/09/11 10:25
S44	1	"20030004906" and (set with training)	US-PGPUB; USPAT	OR	OFF	2006/09/11 10:29
S45	1	"20030004906" and (random)	US-PGPUB; USPAT	OR	OFF	2006/09/11 10:34
S46	1	"20030004906" and (test\$ with score)	US-PGPUB; USPAT	OR	OFF	2006/09/11 10:45
S47	0	"20030004906" and (repeat with finite)	US-PGPUB; USPAT	OR	OFF	2006/09/11 10:46
S48	1	"20030004906" and (repeat)	US-PGPUB; USPAT	OR	OFF	2006/09/11 10:47

## EAST Search History

S49	0	"20030004906" and (while)	US-PGPUB; USPAT	OR	OFF	2006/09/11 10:47
S50	0	"20030004906" and (do)	US-PGPUB; USPAT	OR	OFF	2006/09/11 10:47
S51	0	"20030004906" and (iterate)	US-PGPUB; USPAT	OR	OFF	2006/09/11 10:48
S52	0	"20030004906" and (number with times)	US-PGPUB; USPAT	OR	OFF	2006/09/11 10:48
S53	1	"20030004906" and (number)	US-PGPUB; USPAT	OR	OFF	2006/09/11 10:51
S54	1	"20030004906" and (converge)	US-PGPUB; USPAT	OR	OFF	2006/09/11 10:52
S55	1	"20030004906" and limited	US-PGPUB; USPAT	OR	OFF	2006/09/11 10:54
S56	1	"20030004906" and iteration\$	US-PGPUB; USPAT	OR	OFF	2006/09/11 10:59
S57	1	"20030004906" and final	US-PGPUB; USPAT	OR	OFF	2006/09/11 11:08
S58	1	"20030004906" and train\$	US-PGPUB; USPAT	OR	OFF	2006/09/11 11:10
S59	1	"20030004906" and train\$ and test\$	US-PGPUB; USPAT	OR	OFF	2006/09/11 11:12
S60	1	"20030004906" and neural and classif\$	US-PGPUB; USPAT	OR	OFF	2006/09/11 11:16
S61	1	"20030004906" and (subset or "sub set" or sub-set or subsets or "sub sets" or sub-sets)	US-PGPUB; USPAT	OR	OFF	2006/09/11 11:27
S62	0	"20030004906" and (half)	US-PGPUB; USPAT	OR	OFF	2006/09/11 11:27
S63	0	"20030004906" and (onehalf)	US-PGPUB; USPAT	OR	OFF	2006/09/11 11:31
S64	1	"20030004906" and (training same testing)	US-PGPUB; USPAT	OR	OFF	2006/09/11 11:37

## EAST Search History

S65	1	"20030004906" and (preprocessing)	US-PGPUB; USPAT	OR	OFF	2006/09/11 11:39
S66	1	"20030004906" and (preprocessing same data)	US-PGPUB; USPAT	OR	OFF	2006/09/11 11:41
S67	0	"20030004906" and (reuse same data)	US-PGPUB; USPAT	OR	OFF	2006/09/11 11:41
S68	0	"20030004906" and (reuse )	US-PGPUB; USPAT	OR	OFF	2006/09/11 11:41
S69	1	"20030004906" and (new with training )	US-PGPUB; USPAT	OR	OFF	2006/09/11 12:37
S70	1	"20030004906" and ("western blot" )	US-PGPUB; USPAT	OR	OFF	2006/09/11 12:51
S71	1	"20030004906" and (withholding)	US-PGPUB; USPAT	OR	OFF	2006/09/11 12:57
S72	1	"20030004906" and node\$	US-PGPUB; USPAT	OR	OFF	2006/09/11 13:16
S73	1	"20030004906" and (high with score)	US-PGPUB; USPAT	OR	OFF	2006/09/11 13:17
S74	0	"20030004906" and (input with different)	US-PGPUB; USPAT	OR	OFF	2006/09/11 13:18
S75	1	"20030004906" and (input with variable\$)	US-PGPUB; USPAT	OR	OFF	2006/09/11 13:24
S76	0	"20030004906" and (input with minimum)	US-PGPUB; USPAT	OR	OFF	2006/09/11 13:24
S77	1	"20030004906" and ( minimum)	US-PGPUB; USPAT	OR	OFF	2006/09/11 13:24
S78	0	"20030004906" and (variabl\$ with minimum)	US-PGPUB; USPAT	OR	OFF	2006/09/11 13:25
S79	1	"20030004906" and (variabl\$ same minimum)	US-PGPUB; USPAT	OR	OFF	2006/09/11 13:37
S80	1	"20030004906" and missing	US-PGPUB; USPAT	OR	OFF	2006/09/11 13:53

## EAST Search History

S81	0	"20030004906" and variabl\$	US-PGPUB; USPAT	OR	OFF	2006/09/11 13:54
S82	1	"20030004906" and variabl\$	US-PGPUB; USPAT	OR	OFF	2006/09/11 13:54
S83	1	"20030004906" and "input variables"	US-PGPUB; USPAT	OR	OFF	2006/09/11 14:20
S84	1	"20030004906" and (training with parallel)	US-PGPUB; USPAT	OR	OFF	2006/09/11 14:39
S85	1	"20030004906" and health	US-PGPUB; USPAT	OR	OFF	2006/09/11 14:43
S86	1	"20030004906" and differnt\$	US-PGPUB; USPAT	OR	OFF	2006/09/11 14:45
S87	0	"20030004906" and recombination	US-PGPUB; USPAT	OR	OFF	2006/09/12 07:25
S88	0	"20030004906" and recombina\$	US-PGPUB; USPAT	OR	OFF	2006/09/11 14:45
S89	1	"20030004906" and mutation	US-PGPUB; USPAT	OR	OFF	2006/09/11 14:52
S90	1	"20030004906" and threshold	US-PGPUB; USPAT	OR	OFF	2006/09/11 15:04
S91	1	"20030004906" and genetic	US-PGPUB; USPAT	OR	OFF	2006/09/11 17:43
S92	115	@pd<"20030115" and ("genetic algorithms") and genetic.ab. and algorithm.ab.	US-PGPUB; USPAT	OR	OFF	2006/09/11 16:13
S93	14	@pd<"20030115" and ("genetic algorithms") and ((parents with children) same fitness)	US-PGPUB; USPAT	OR	OFF	2006/09/11 16:31
S94	6	@pd<"20030115" and ("genetic algorithms") and ((parents with children) same fitness) and (average same fitness)	US-PGPUB; USPAT	OR	OFF	2006/09/11 17:08
S95	1	"5708774".pn.	US-PGPUB; USPAT	OR	OFF	2006/09/12 08:04
S96	0	"5708774".pn. and (childr\$ with differ\$)	US-PGPUB; USPAT	OR	OFF	2006/09/11 16:45

## EAST Search History

S97	0	"5708774".pn. and (child:\$ with different)	US-PGPUB; USPAT	OR	OFF	2006/09/11 16:45
S98	1	"5708774".pn. and (children)	US-PGPUB; USPAT	OR	OFF	2006/09/11 17:08
S99	1	"20030004906" and crossover	US-PGPUB; USPAT	OR	OFF	2006/09/11 17:08
S100	0	"20030004906" and sliding	US-PGPUB; USPAT	OR	OFF	2006/09/11 17:10
S101	1	"20030004906" and window	US-PGPUB; USPAT	OR	OFF	2006/09/11 17:08
S102	0	"5708774".pn. and sliding	US-PGPUB; USPAT	OR	OFF	2006/09/11 17:08
S103	0	"5708774".pn. and window	US-PGPUB; USPAT	OR	OFF	2006/09/11 17:14
S104	13	@pd<"20030115" and ("genetic algorithms") and "sliding window"	US-PGPUB; USPAT	OR	OFF	2006/09/11 17:12
S105	1	"20030004906" and average	US-PGPUB; USPAT	OR	OFF	2006/09/11 17:10
S106	4	@pd<"20030115" and ("genetic algorithms") and (parents with below)	US-PGPUB; USPAT	OR	OFF	2006/09/11 17:13
S107	1	"5708774".pn. and average	US-PGPUB; USPAT	OR	OFF	2006/09/11 17:14
S108	1	"20030004906" and average	US-PGPUB; USPAT	OR	OFF	2006/09/11 17:43
S109	1	"20030004906" and cross\$	US-PGPUB; USPAT	OR	OFF	2006/09/12 07:37
S110	1	"20030004906" and (neural with node)	US-PGPUB; USPAT	OR	OFF	2006/09/12 07:38
S111	0	"20030004906" and (neural with endnode)	US-PGPUB; USPAT	OR	OFF	2006/09/12 07:38
S112	1	"20030004906" and (neural)	US-PGPUB; USPAT	OR	OFF	2006/09/12 08:28



## EAST Search History

S11 3	1	"20030004906" and cpu	US-PGPUB; USPAT	OR	OFF	2006/09/12 07:46
S11 4	1	"20030004906" and memory	US-PGPUB; USPAT	OR	OFF	2006/09/12 07:52
S11 5	1	"20030004906" and "data mining"	US-PGPUB; USPAT	OR	OFF	2006/09/12 08:03
S11 6	0	"20030004906" and (sound or vocal )	US-PGPUB; USPAT	OR	OFF	2006/09/12 08:14
S11 7	0	"5708774".pn. and (sound or vocal )	US-PGPUB; USPAT	OR	OFF	2006/09/12 08:14
S11 8	185	@pd<"20030115" and ("neural networks" or "neural network") and ((sound or vocal) with recognition )	US-PGPUB; USPAT	OR	OFF	2006/09/12 08:07
S11 9	2	@pd<"20030115" and ("neural networks" or "neural network") and ((sound or vocal) with recognition ) and sound.ab. and vocal.ab.	US-PGPUB; USPAT	OR	OFF	2006/09/12 08:06
S12 0	91	@pd<"20030115" and ("neural networks" or "neural network") and ((sound or vocal) with recognition ) and recognition.ab.	US-PGPUB; USPAT	OR	OFF	2006/09/12 08:17
S12 1	0	"20030004906" and (electromagnetic )	US-PGPUB; USPAT	OR	OFF	2006/09/12 09:35
S12 2	0	"5708774".pn. and (electromagnetic )	US-PGPUB; USPAT	OR	OFF	2006/09/12 08:14
S12 3	0	"20020178132" and electromagnetic	US-PGPUB; USPAT	OR	OFF	2006/09/12 08:15
S12 4	22	@pd<"20030115" and ("neural networks" or "neural network") and "electromagnetic waves" and electromagnetic.ab. and recognition	US-PGPUB; USPAT	OR	OFF	2006/09/12 08:24
S12 5	1	"20020178132" and database	US-PGPUB; USPAT	OR	OFF	2006/09/12 08:25
S12 6	1	"20030004906" and (image)	US-PGPUB; USPAT	OR	OFF	2006/09/12 08:33
S12 7	0	"20030004906" and (pixel or voxel )	US-PGPUB; USPAT	OR	OFF	2006/09/12 08:30
S12 8	0	"20030004906" and (image with visual)	US-PGPUB; USPAT	OR	OFF	2006/09/12 08:33

## EAST Search History

S12 9	0	"20030004906" and (image same visual)	US-PGPUB; USPAT	OR	OFF	2006/09/12 08:33
S13 0	0	"20030004906" and biology	US-PGPUB; USPAT	OR	OFF	2006/09/12 09:35
S13 1	0	"20030004906" and patholog\$	US-PGPUB; USPAT	OR	OFF	2006/09/12 10:39
S13 2	1	"20020178132"	US-PGPUB; USPAT	OR	OFF	2006/09/12 09:36
S13 3	0	"20020178132" and patholog\$	US-PGPUB; USPAT	OR	OFF	2006/09/12 09:36
S13 4	0	"20020178132" and biology	US-PGPUB; USPAT	OR	OFF	2006/09/12 09:37
S13 5	0	"5708774".pn. and biology	US-PGPUB; USPAT	OR	OFF	2006/09/12 09:37
S13 6	2068	@pd<"20030115" and (mircoarray or genotyping)	US-PGPUB; USPAT	OR	OFF	2006/09/12 09:43
S13 7	2	@pd<"20030115" and (mircoarray or genotyping) and ("biologic condition" or "pathologic condition") with (gene or allele or polymorphism or mutation))	US-PGPUB; USPAT	OR	ON	2006/09/12 09:50
S13 8	1	"6177249".pn. and (mircoarray or genotyping) and ("biologic condition" or "pathologic condition") with (gene or allele or polymorphism or mutation))	US-PGPUB; USPAT	OR	ON	2006/09/12 09:50
S13 9	0	"6177249".pn. and database	US-PGPUB; USPAT	OR	ON	2006/09/12 09:58
S14 0	0	"6177249".pn. and memory	US-PGPUB; USPAT	OR	ON	2006/09/12 09:50
S14 1	1	"6177249".pn. and data	US-PGPUB; USPAT	OR	ON	2006/09/12 10:01
S14 2	1	"6177249".pn. and tdi	US-PGPUB; USPAT	OR	ON	2006/09/12 10:01
S14 3	1	"20030004906" and (sets with training)	US-PGPUB; USPAT	OR	OFF	2006/09/12 11:37
S14 4	1	"20030004906" and (test\$ with training)	US-PGPUB; USPAT	OR	OFF	2006/09/12 11:37

## EAST Search History

S14 5	0	@pd<"20030115" and (("genetic algorithm" or "genetic algorithms") adj2 "function of")	US-PGPUB; USPAT	OR	ON	2006/09/12 16:16
S14 6	72	@pd<"20030115" and (("genetic algorithm" or "genetic algorithms") adj2 ("neural network" or "neural networks"))	US-PGPUB; USPAT	OR	ON	2006/09/12 16:18
S14 7	0	@pd<"20030115" and (((("genetic algorithm" or "genetic algorithms") adj2 "function of") adj2 ("neural network" or "neural networks"))	US-PGPUB; USPAT	OR	ON	2006/09/12 16:18
S14 8	72	@pd<"20030115" and (( "genetic algorithms") adj2 ( "neural networks"))	US-PGPUB; USPAT	OR	ON	2006/09/12 16:20
S14 9	20	@pd<"20030115" and (( "genetic algorithms") adj2 ( "neural networks")) and genetic.ab.	US-PGPUB; USPAT	OR	ON	2006/09/12 16:20
S15 0	13	@pd<"20030115" and (( "genetic algorithms") adj2 ( "neural networks")) and genetic.ab. and neural.ab.	US-PGPUB; USPAT	OR	ON	2006/09/12 16:20